



THE GLOBE PROGRAM

Engaging Youth to Understand Climate

GLOBE is a hands-on international science and education program that brings together students, teachers and scientists to improve student achievement in science, increase environmental awareness, and contribute to understanding Earth System Science.



What Students Gain by Participating:

AWARENESS:

of career opportunities in climate science and of other cultures through international collaboration.

UNDERSTANDING:

of the climate literacy principles and the differences between weather and climate.

OPPORTUNITIES:

to interact with NASA & NOAA climate scientists while conducting hands-on inquiry and applying the scientific method in locally relevant research.

MOTIVATION:

to work with members of their community to take action on climate-related environmental issues.



Student Climate Research Goals:

- Increase students' understanding of climate, specifically the difference between weather and climate.
- Increase students' understanding of and ability to conduct scientific research focused on climate.
- Improve the global awareness of primary and secondary students through increasing collaborations among students, teachers, and scientists focused on understanding the interactions in the Earth System.



GLOBE is uniquely positioned to help students understand climate science and help them contribute to further understanding of how it impacts each person on Earth.

How to Participate in Climate Research:

- Learn more about GLOBE Student Climate Research at: www.globe.gov.
- Contact climatecampaign@globe.gov for additional information or to join the worldwide community of student climate researchers.
- Send us your best climate education and research ideas.
- Scientists and graduate students – participate in our climate scientist network as a mentor, reviewer, advisor or spokesperson.
- Join the international network of GLOBE schools, contact your country coordinator or U.S. partner at help@globe.gov to join.

Strategic Partners:

- The International GLOBE Community in more than 100 countries worldwide
- Leading International Climate Scientists
- NASA, NOAA & NSF
- UCAR Member Universities and Affiliates Worldwide

Climate Research Topics:

- Global Climate – Local Impacts (large scale weather events and impact at local level)
- Exploring Ecosystems, Biodiversity and Climate
- Climate, Pollution and Human Health
- Climate, Energy and Your Footprint



The GLOBE Program
Global Learning and Observations to Benefit the Environment

www.globe.gov



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